

FIG. 1

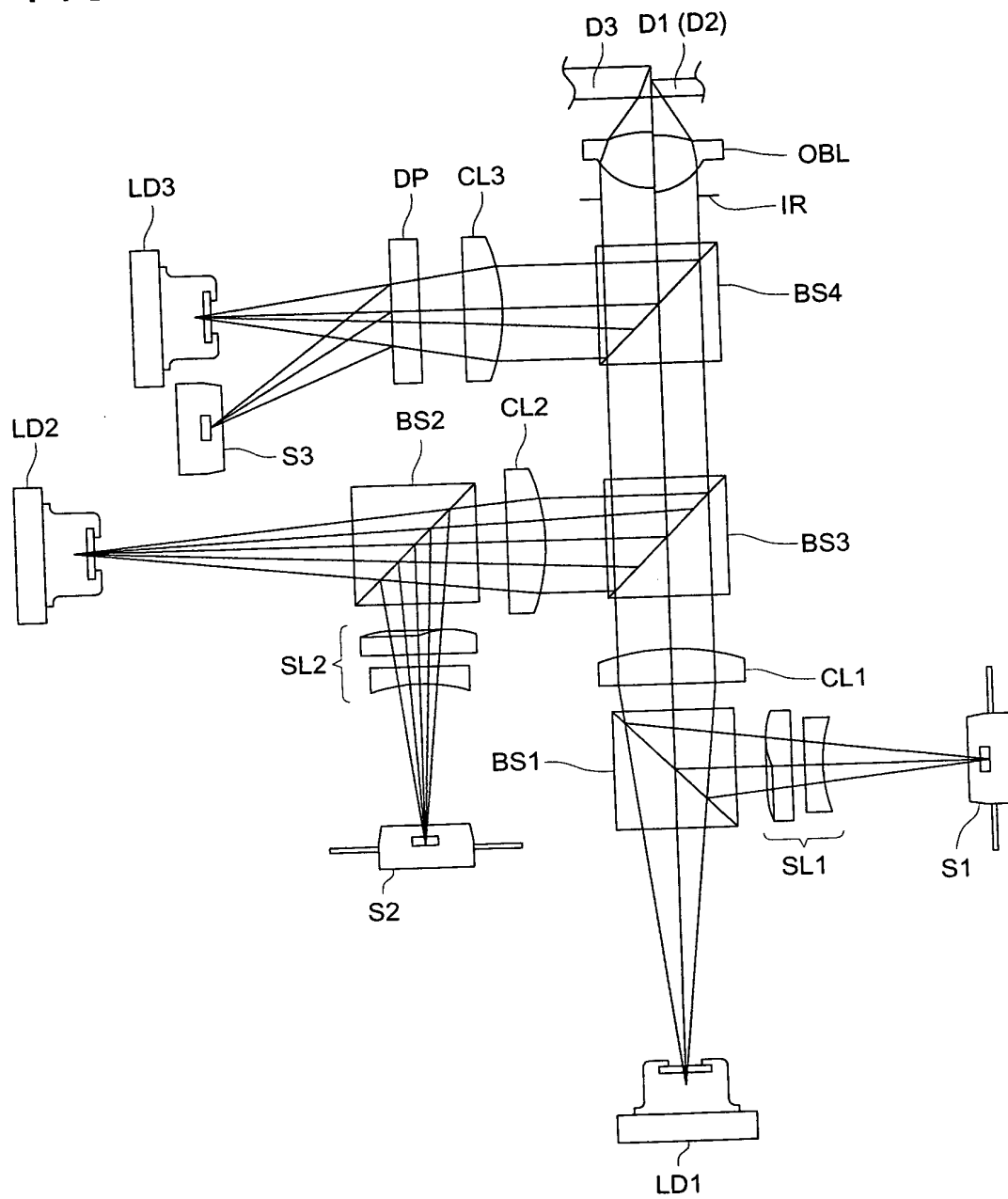


FIG. 2

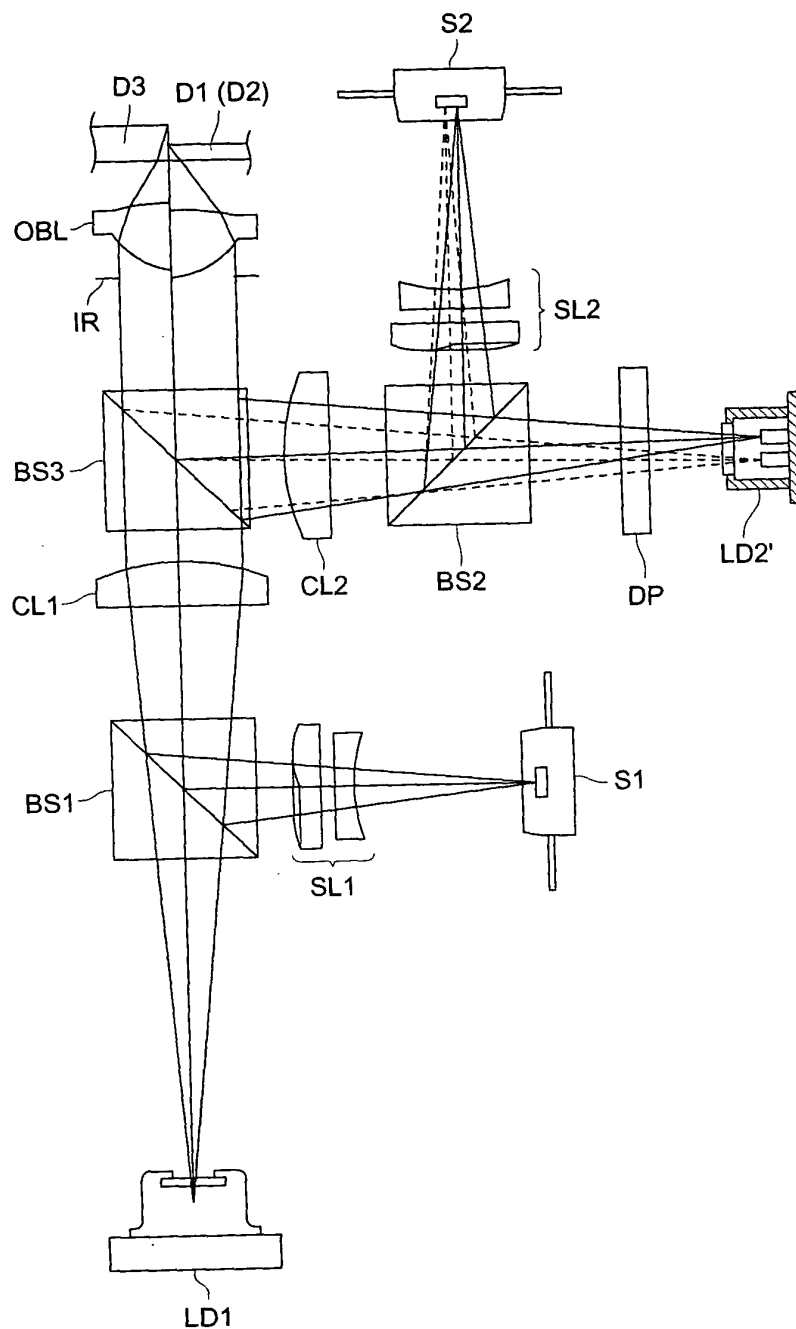
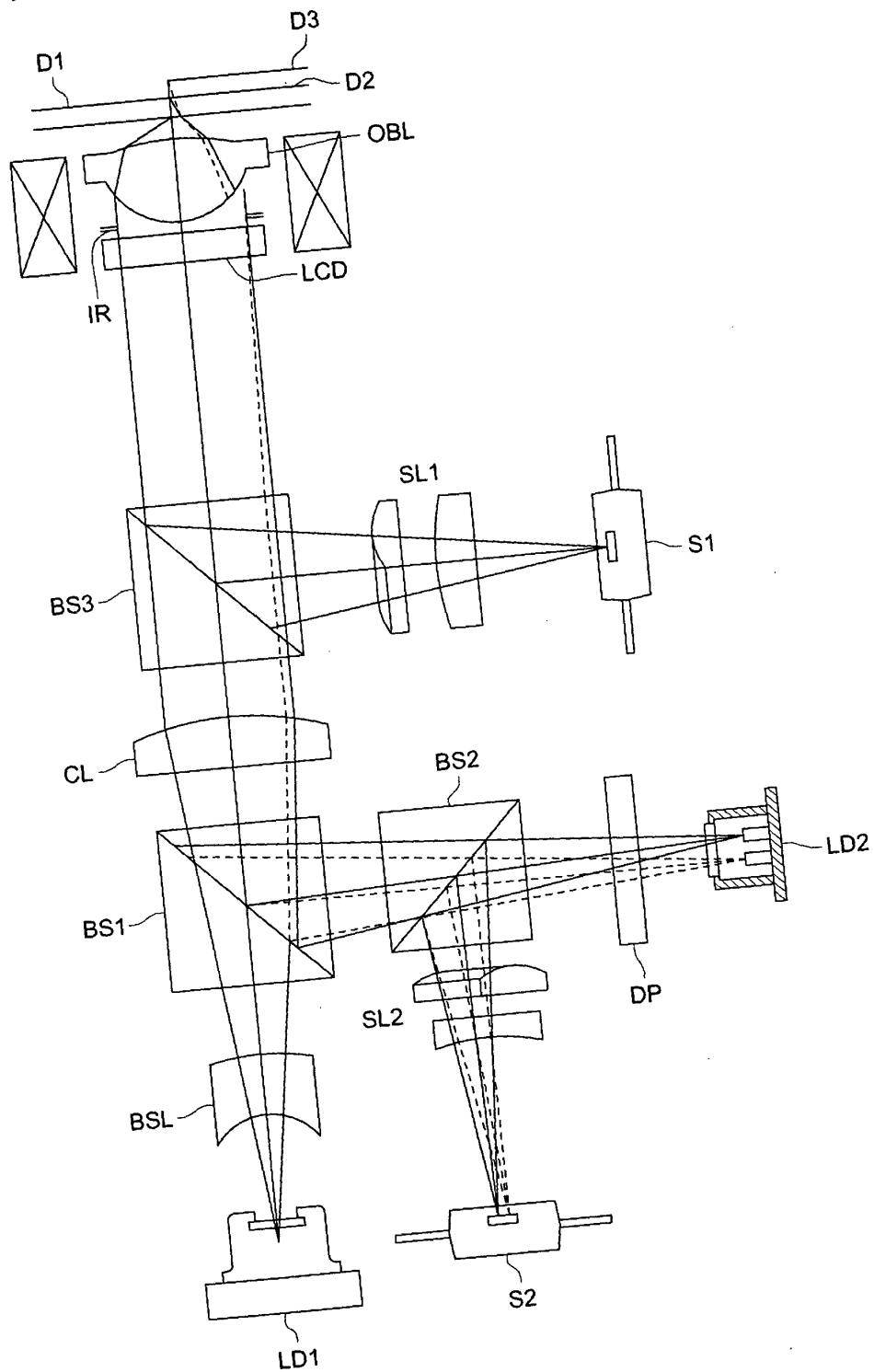


FIG. 3



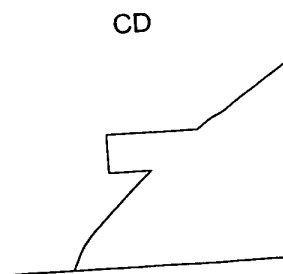


FIG. 8

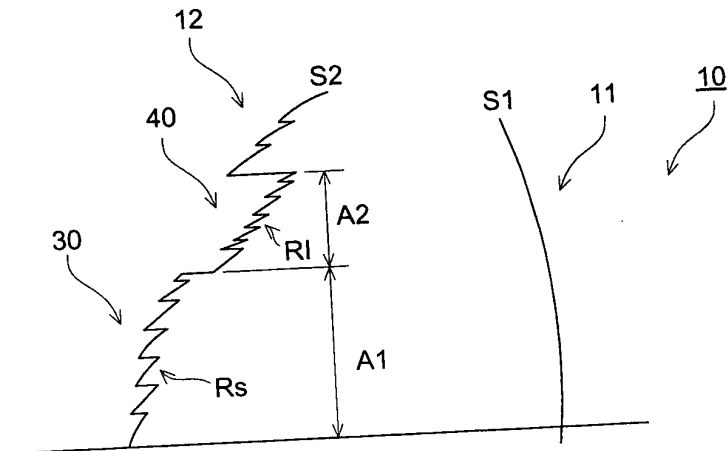


FIG. 9

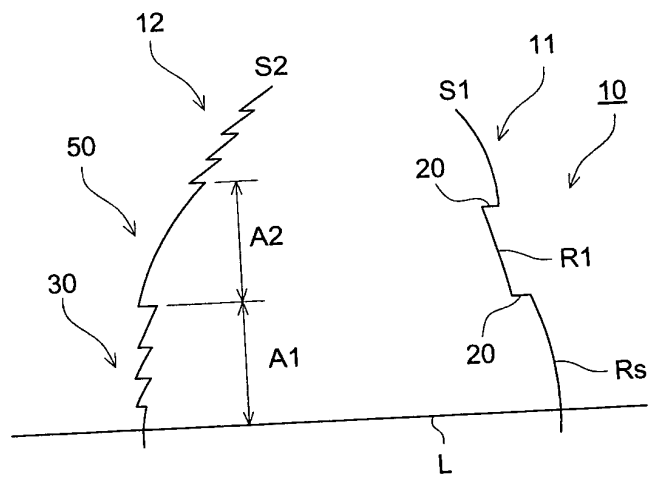


FIG. 10 (a) FIG. 10 (b) FIG. 10 (c)

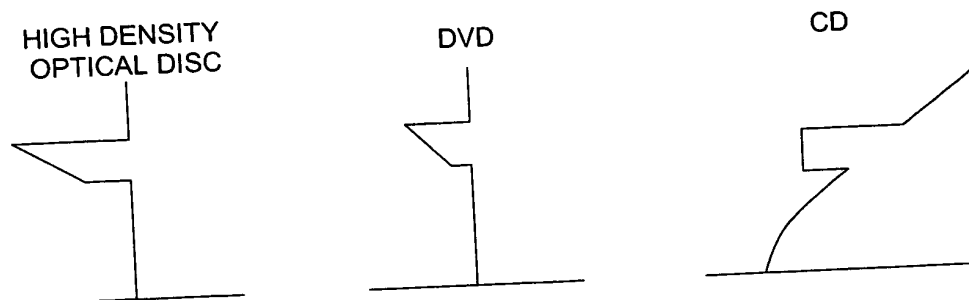


FIG. 11

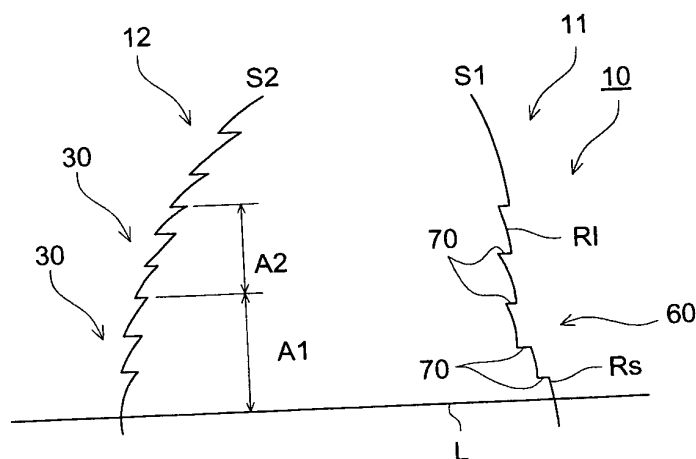


FIG. 12 (a) FIG. 12 (b) FIG. 12 (c)

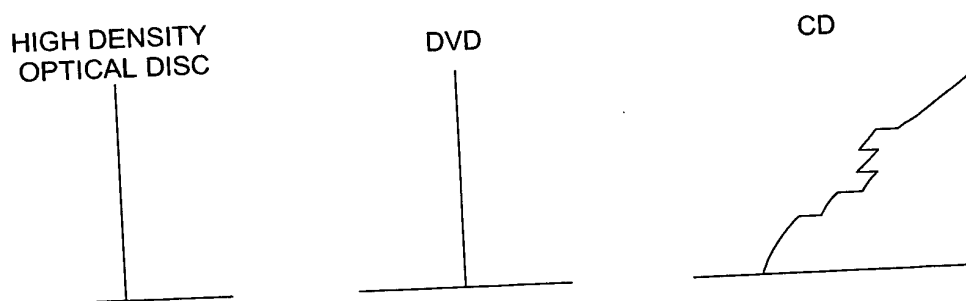


FIG. 13 (a)

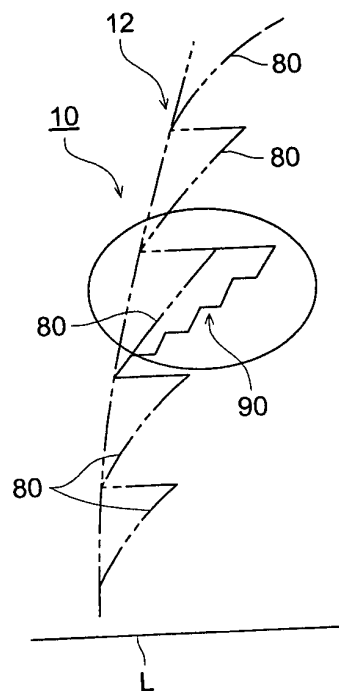


FIG. 13 (b)

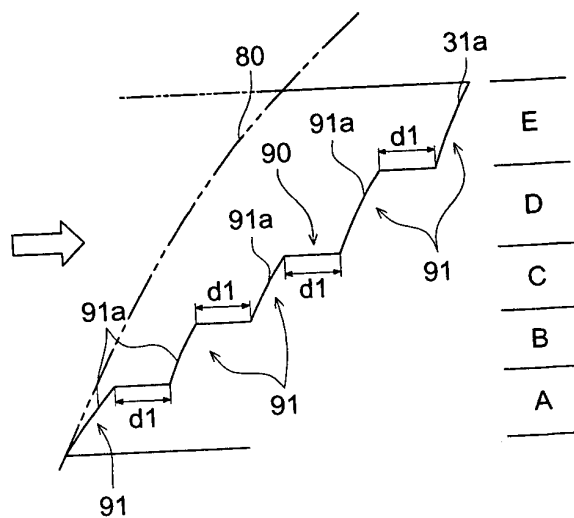


FIG. 14

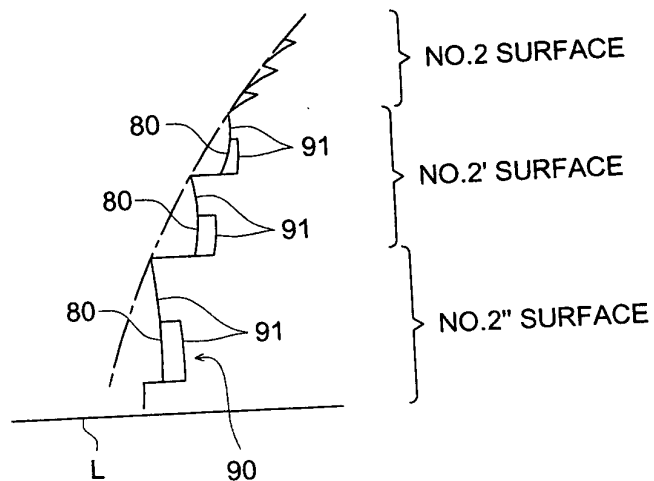


FIG. 15

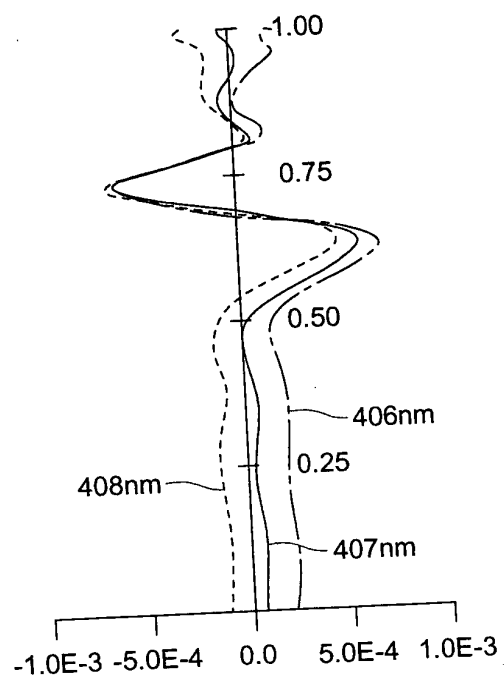


FIG. 16

EXAMPLE 1

WAVE-FRONT ABERRATION AND DIFFRACTION EFFICIENCY FOR EACH FORMAT

	ADD	DVD	CD
WAVE-FRONT ABERRATION	0.009 λ rms	0.014 λ rms	0.014 λ rms
DIFFRACTION EFFICIENCY	96%	85%	46%

FIG. 17

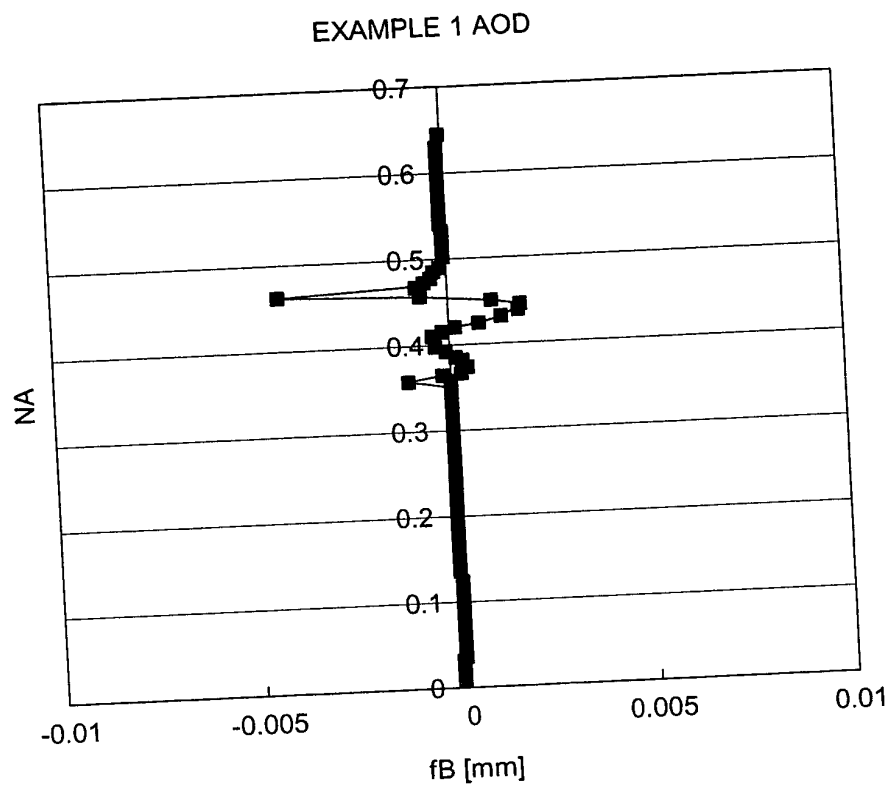


FIG. 18

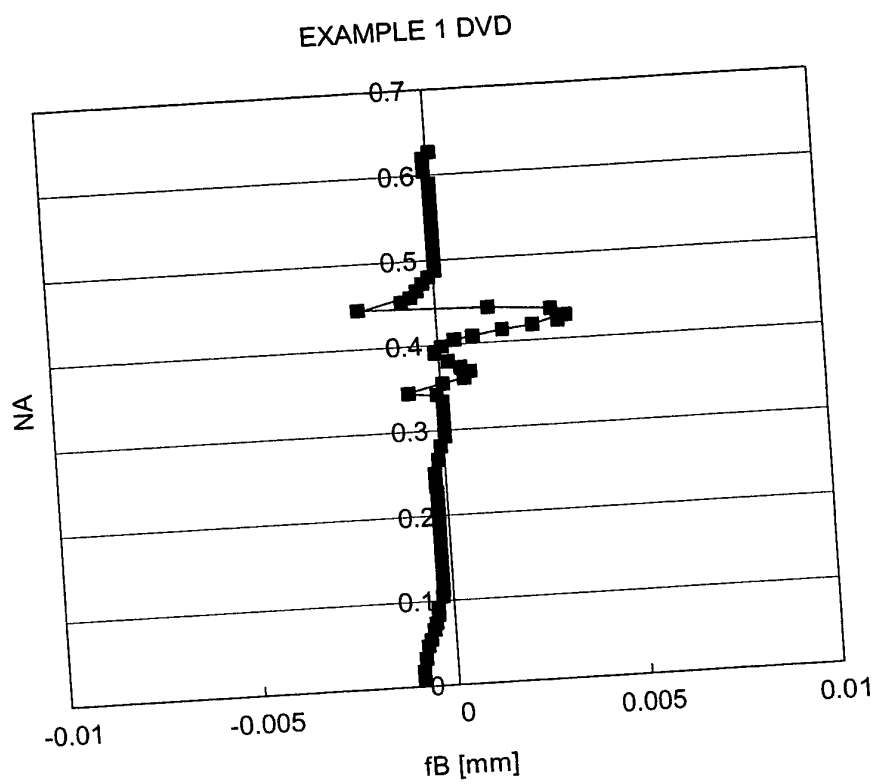


FIG. 19

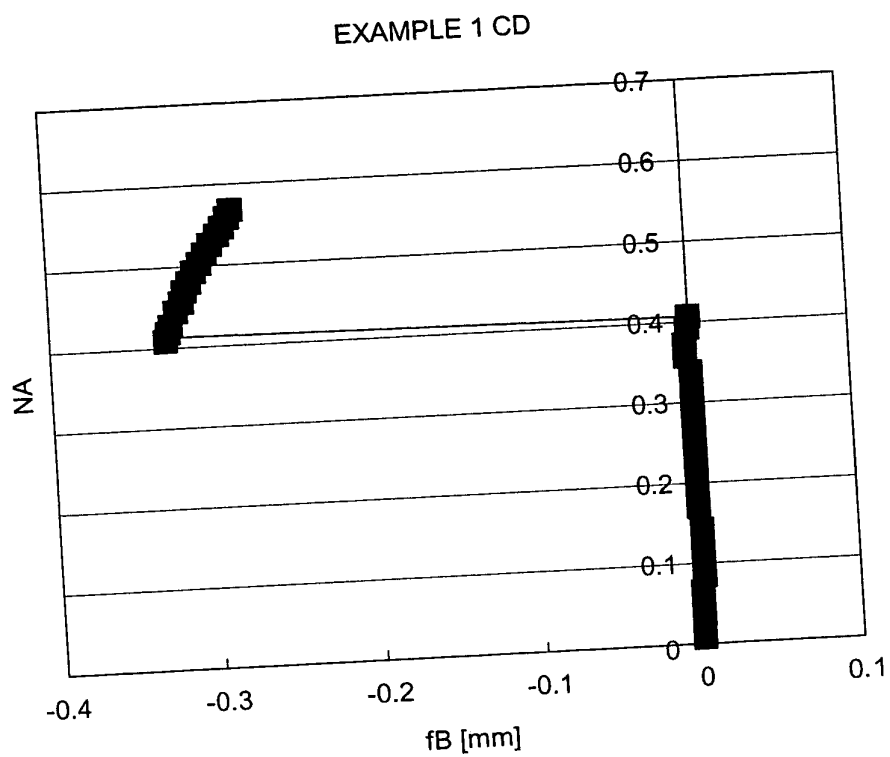


FIG. 20

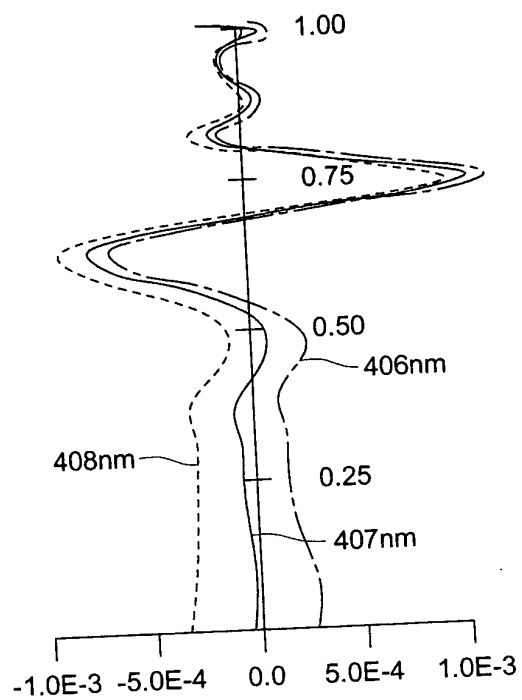


FIG. 21

EXAMPLE 2

WAVE-FRONT ABERRATION AND DIFFRACTION EFFICIENCY FOR EACH FORMAT

	ADD	DVD	CD
WAVE-FRONT ABERRATION	0.011 λ rms	0.022 λ rms	0.033 λ rms
DIFFRACTION EFFICIENCY	99%	91%	46%

FIG. 22

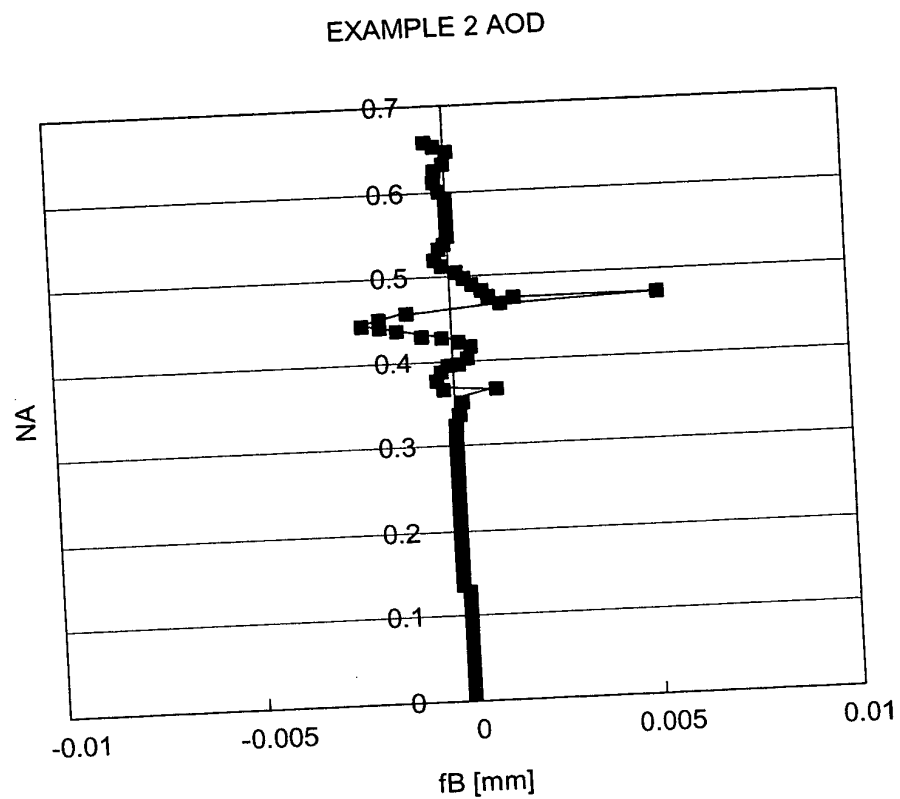


FIG. 23

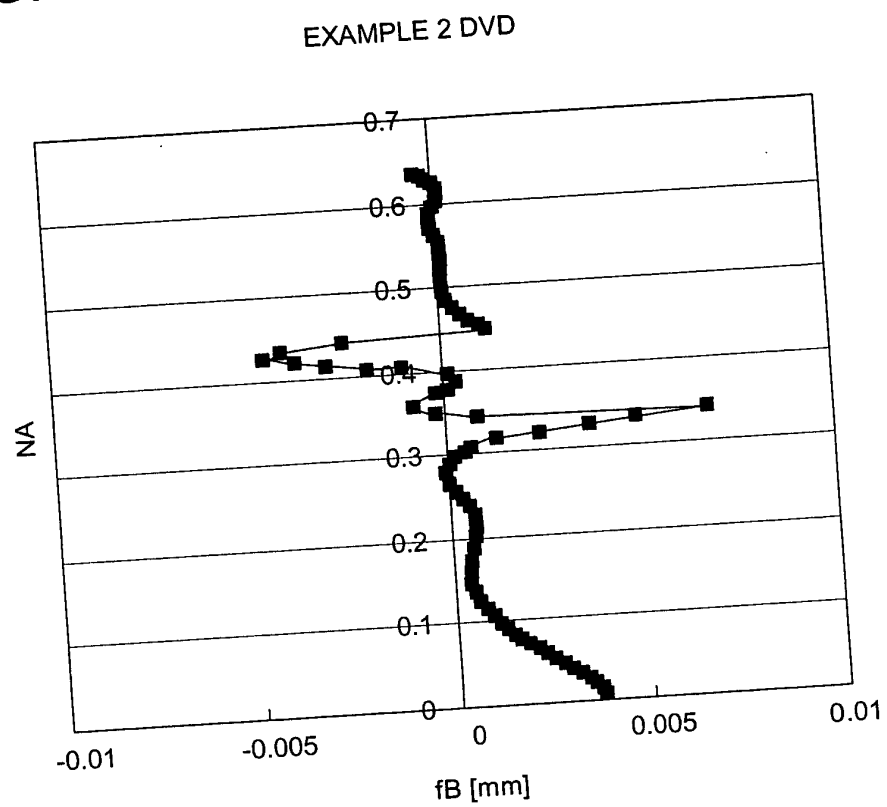


FIG. 24

EXAMPLE 2 CD

